

FIG. 1
PRIOR ART

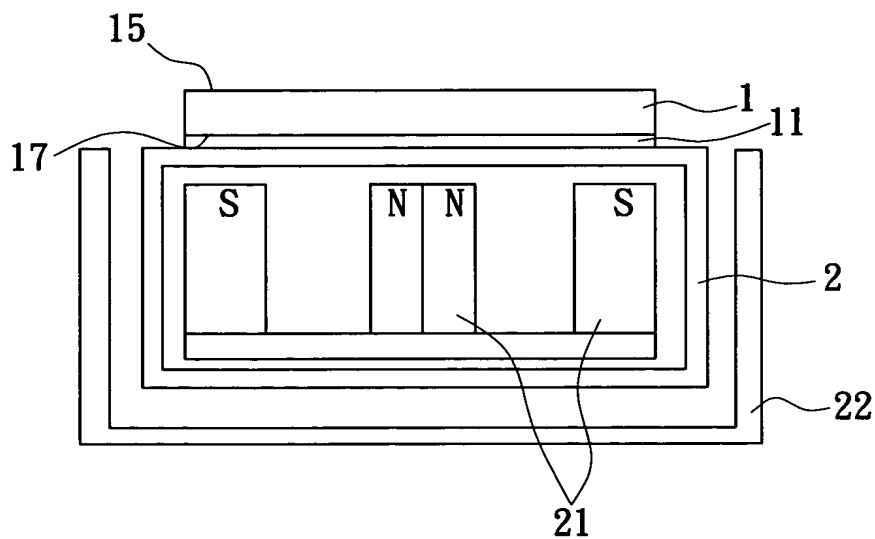


FIG. 2
PRIOR ART

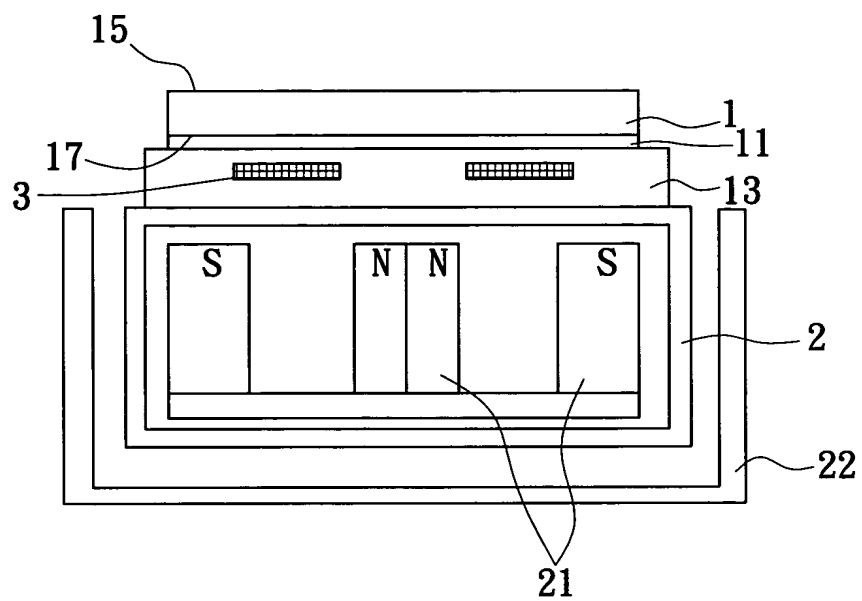


FIG. 3

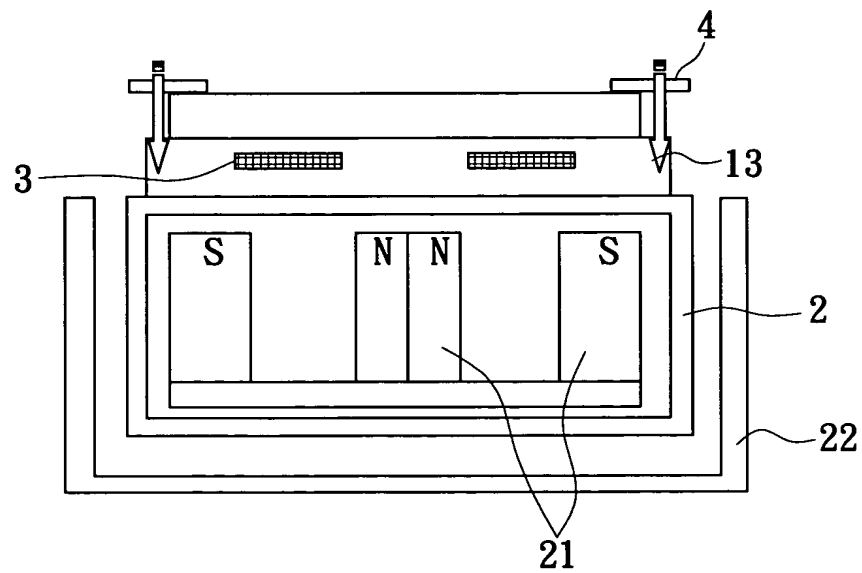


FIG. 4

	cathode (cross sectional view) measuring position (left)															cathode center	cathode (cross sectional view) measuring position (right)																		
	1-0	1-1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	1-9	1-10	1-11	1-12	1-13	1-14	1-15		2-15	2-14	2-13	2-12	2-11	2-10	2-9	2-8	2-7	2-6	2-5	2-4	2-3	2-2	2-1	2-0		
A	0	10	20	80	140	190	250	260	270	260	240	200	160	100	40	10	0	0	0	10	50	110	160	200	240	260	270	260	250	190	150	90	30	10	0
B	0	10	40	120	190	200	190	160	160	200	220	220	210	160	100	10	0	0	0	10	100	160	210	220	220	200	160	160	190	200	190	130	50	10	0

FIG. 5A

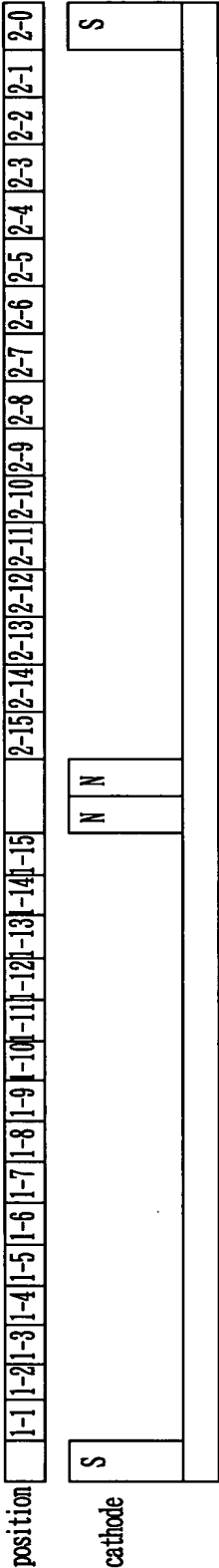


FIG. 5B

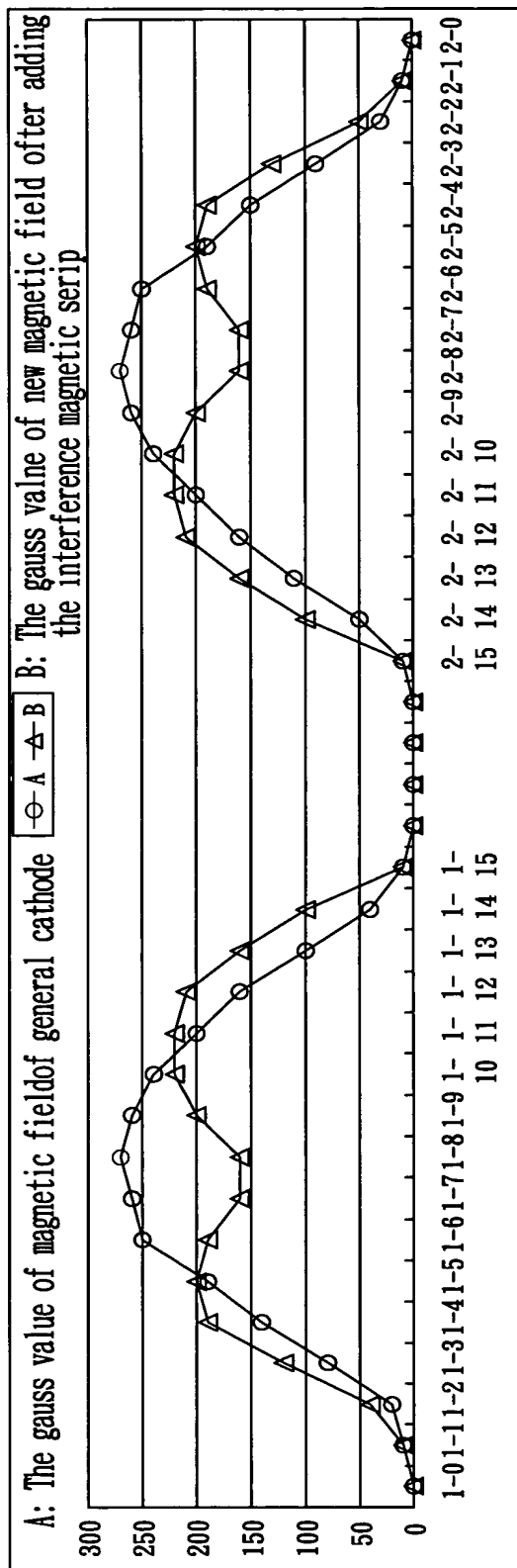


FIG. 5C

	cathode (cross sectional view) measuring position (left)															cathode center	cathode (cross sectional view) measuring position (right)																	
	1-0	1-1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	1-9	1-10	1-11	1-12	1-13	1-14	1-15		2-15	2-14	2-13	2-12	2-11	2-10	2-9	2-8	2-7	2-6	2-5	2-4	2-3	2-2	2-1	2-0	
A	0	10	40	120	190	200	190	160	160	200	220	220	210	160	100	10	0	0	10	100	160	210	220	220	200	160	160	190	200	190	130	50	10	0
B	0	10	60	140	220	260	230	160	160	230	290	280	230	180	110	10	0	0	10	110	190	240	280	300	240	160	160	230	270	230	150	60	10	0
C	0	10	80	160	250	320	290	140	140	270	330	330	260	200	120	10	0	0	10	120	210	270	320	330	260	140	150	280	320	280	160	80	10	0

FIG. 6A

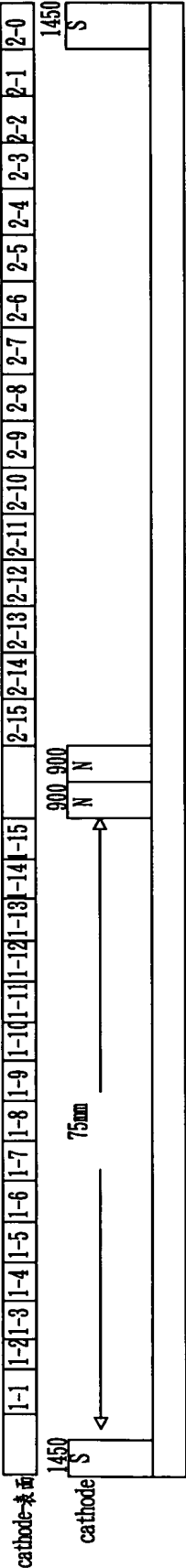


FIG. 6B

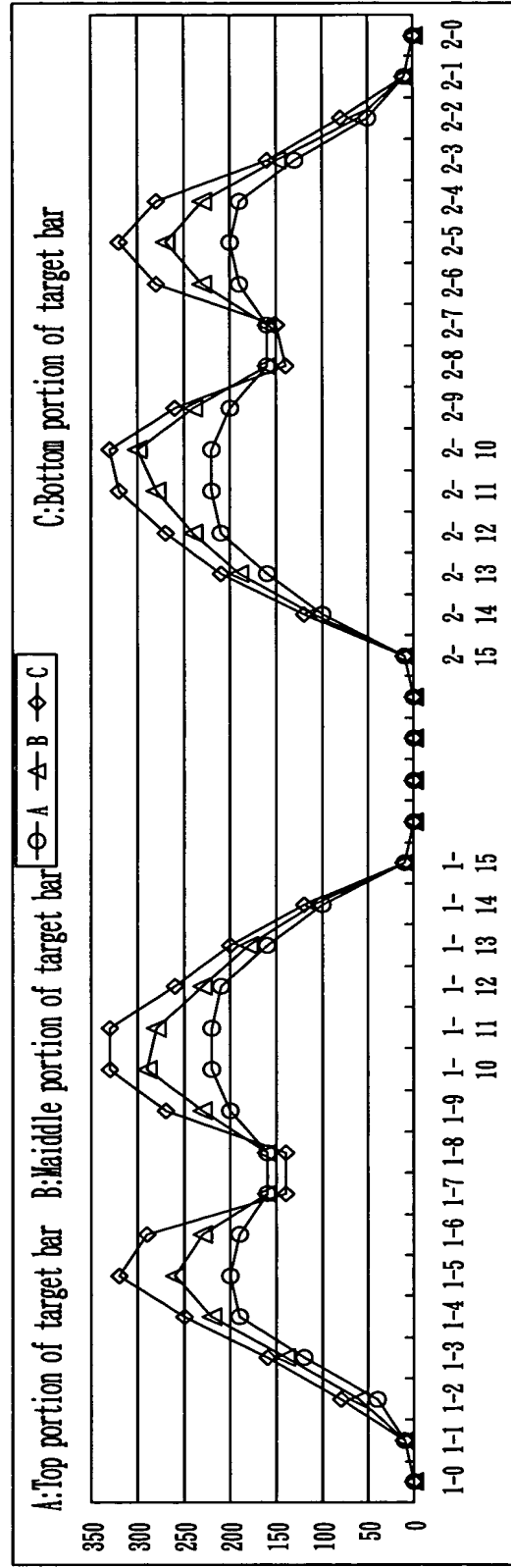


FIG. 6C

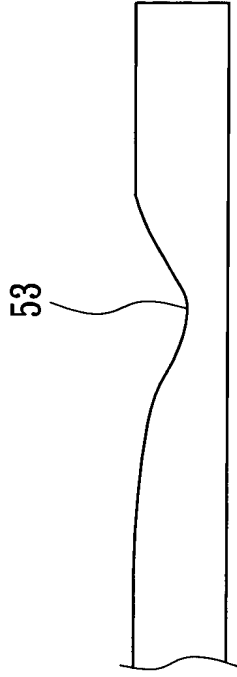


FIG. 7
PRIOR ART

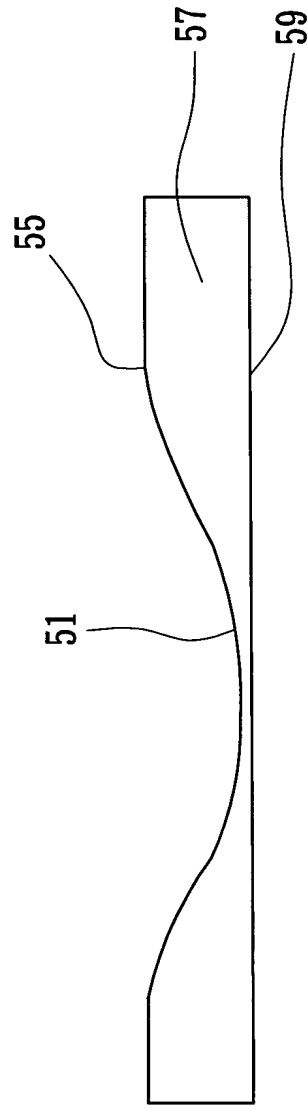


FIG. 8